

**Armor All Products Company**

1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000

Material Safety Data Sheet

I Product: ARMOR ALL®TIRE FOAM® (AEROSOL)																				
Description: WHITE LIQUID WITH SLIGHT ODOR																				
Other Designations	Manufacturer	Emergency Telephone Nos.																		
Tire Cleaner and Protectant	Armor All Products Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300																		
II Health Hazard Data		III Hazardous Ingredients																		
<p>Product is not a primary skin or eye irritant. Under normal consumer use and conditions, the likelihood of adverse health effects is low. Inhalation of large amounts of the propane/isobutane propellant in an enclosed area may induce anesthetic effects and feelings of euphoria.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p>FIRST AID:</p> <p>EYE CONTACT: Flush eyes thoroughly with plenty of water for 15 minutes. If irritation persists, get medical attention.</p> <p>SKIN CONTACT: Wash area with soap and water. If irritation persists, get medical attention.</p> <p>INGESTION: Drink glassful of water. Get prompt medical attention if effects occur.</p> <p>INHALATION: Remove to fresh air. If breathing problems or irritation persists, get medical attention.</p>		<table border="1"><thead><tr><th>Ingredients</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Silicone Emulsion CAS# N/A</td><td>20-30%</td><td>Not established</td></tr><tr><td>Propane CAS# 74-98-6</td><td>1-5%</td><td>Not established Simple asphyxiant per ACGIH^a</td></tr><tr><td>Dimethyl Ether CAS# 115-10-6</td><td>1-5%</td><td>Not established</td></tr><tr><td>Isobutane CAS# 75-28-5</td><td>1-5%</td><td>800 ppm TLV NIOSH REL^b</td></tr><tr><td>Propylene glyco CAS # 57-55-6</td><td>1-5%</td><td>50 ppm AIHA WEEL^c</td></tr></tbody></table> <p>ACGIH^a = American Conference of Industrial Hygienists REL^b = Recommended Exposure Limit AIHA WEEL^c = American Industrial Hygiene Association Workplace Environmental Exposure Level. 8 hr TWA for total vapor and aerosol.</p> <p>None of the ingredients in the product are on the IARC, NTP or OSHA carcinogen list.</p>	Ingredients	Concentration	Worker Exposure Limit	Silicone Emulsion CAS# N/A	20-30%	Not established	Propane CAS# 74-98-6	1-5%	Not established Simple asphyxiant per ACGIH ^a	Dimethyl Ether CAS# 115-10-6	1-5%	Not established	Isobutane CAS# 75-28-5	1-5%	800 ppm TLV NIOSH REL ^b	Propylene glyco CAS # 57-55-6	1-5%	50 ppm AIHA WEEL ^c
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IV Special Protection and Precautions		V Transportation and Regulatory Data																		
<p>Hygienic Practices: Wash hands with soap and water after use. Do not wear product-contaminated clothing for prolonged periods. Keep container closed when not in use. Do not smoke while using.</p> <p>Engineering Controls: Use local and general ventilation to minimize exposure to vapor or mists.</p> <p>Work Practices: Avoid eye and skin contact and inhalation of vapor or mist. Use a NIOSH-approved respirator if exposure exceeds occupational exposure limits.</p> <p>Contents under pressure. Do not expose to heat or store at temperatures above 120°. Do not puncture or incinerate container. Store in accordance with NFPA 30B for Level 1 aerosols.</p> <p>KEEP OUT OF REACH OF CHILDREN</p>		<p>DOT/IATA/IMO:</p> <p>DOT = Consumer Commodity ORM-D IMO = Dangerous Goods in Limited Quantities of Class 2 IATA = Aerosol, non-flammable, N.O.S., UN 1950, Class 2.2</p> <p>TSCA Status: All ingredients in this product are listed on the TSCA inventory.</p> <p>EPA - SARA Title III/CERCLA: Product contains propane, which is regulated under Section 311/312 of SARA Title III.</p>																		
VI Spill Procedures/Waste Disposal		VII Reactivity Data																		
<p>Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed down material. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with this product.</p> <p>Waste Disposal: Dispose of in accordance with all applicable federal, state and local regulations.</p>		<p>Stable under normal use and conditions. Do not mix with acids or other cleaning products as hazardous gases may result.</p>																		
VIII Fire and Explosion Data		IX Physical Data																		
<p>Combustion: COMBUSTIBLE (Liquid). Slightly flammable to flammable in the presence of heat (propellant).</p> <p>Fire Extinguishing Agents: Water, water fog, dry chemical, foam or carbon dioxide (CO₂).</p> <p>Do not use a direct stream of water.</p> <p>NFPA Aerosol Classification: Level 1</p> <p>CPSC Aerosol Classification: Not flammable</p> <p>Combustion products: Oxides of carbon, silicon, sulfur, and nitrogen; formaldehyde</p>		<p>Flash point (Liquid) 200.0 /93.3°C</p> <p>Evaporation rate (Butyl acetate =1) 0.4</p> <p>Specific Gravity (H₂O=1) 1.01@ 25°</p> <p>Solubility in Water..... Easily soluble</p> <p>pH..... 9.0 - 10.0</p>																		